

CUSTOM MAGNET WORKSHEET

Apex Magnets can provide a wide range of magnet sizes and shapes within certain parameters. Please review the following guidelines:

- Disc and Rectangular magnets can be produced with a maximum of 6 inches (153mm) in any single dimension (Length, Width, Height). Ring magnets up to a maximum of 4 inches (102mm).
- In some cases, longer lengths may be created by bonding smaller lengths together. Be aware, this may affect physical and magnetic properties, altering suitability to the client's needs.
- Production lead time is typically 6-8 weeks for magnets with all dimensions under 2.5 inches - up to 12 weeks for larger magnets.
- Custom orders cannot be expedited.
- Minimum orders are \$500 to \$1000 USD, depending on quantity and difficulty. Minimum piece quantities may apply.
- Custom magnets may be subject to a one-time tooling fee. Fees are more likely for custom magnets larger than 2 inches, complex shapes, or housings.
- Neodymium and Samarium Cobalt magnets are made with hard, brittle materials. Shapes easy to manufacture in steel or aluminum may not be feasible with rare earth magnetic material. Complex shapes or shapes with thin cross sections may not be possible.
- Quotes are provided free of charge, with no obligation to purchase.

SPECIFICATIONS:

Shape

- Disc
- Cylinder
- Block/Cube/Rectangular
- Ring
- Sphere
- Other:

Quantity

Please provide the number of units desired.

Measurements

- Inches (Decimal)
- Millimeters (mm)

Diameter or Length

For discs and spheres, provide diameter. For blocks and other shapes, provide length.

Width

*Not required for discs, cylinders, or spheres.

Thickness or Height

Direction of Magnetization

Describe the orientation of the magnetic poles. Ex) "Through the thickness," "through the length."

Desired Magnetic Material

- Neodymium (NdFeB)
- Samarium Cobalt (SmCo)
- Ceramic/Ferrite
- AlNiCo

Magnet Strength Rating (If Known)

Coating/Finish

*Not all coatings are available with all magnetic materials.

- | | |
|----------------------------------|---|
| <input type="checkbox"/> Zinc | <input type="checkbox"/> Nickel |
| <input type="checkbox"/> Plastic | <input type="checkbox"/> Gold |
| <input type="checkbox"/> Rubber | <input type="checkbox"/> Silver |
| <input type="checkbox"/> Epoxy | <input type="checkbox"/> None |
| <input type="checkbox"/> Chrome | <input type="checkbox"/> Not sure/Need advice |

High Temperature?

Will magnets need to operate in temperature above 176F?

- Yes
- No
- Not sure/Need advice

Additional Comments

Custom Order Terms of Sale (Partial):

- 35% deposit is due upon order execution; balance due when product is ready to ship to your location.
- ALL custom orders are FINAL. Custom products can not be returned unless products do not meet the original agreed-upon specifications.
- Other terms and conditions may apply on a per order basis.